



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/582,669

06/12/2006

Kotaro Shima

128332

5007

25944 7590 02/24/2009  
OLIFF & BERRIDGE, PLC  
P.O. BOX 320850  
ALEXANDRIA, VA 22320-4850

EXAMINER

MACARTHUR, VICTOR L

ART UNIT

PAPER NUMBER

3679

MAIL DATE

DELIVERY MODE

02/24/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b> 10/582,669	<b>Applicant(s)</b> SHIMA, KOTARO	
	<b>Examiner</b> VICTOR MACARTHUR	<b>Art Unit</b> 3679	

**All Participants:**

(1) VICTOR MACARTHUR.

(2) LENWOOD FAULCON.

**Date of Interview:** 18 February 2009

**Status of Application:** \_\_\_\_\_

(3) \_\_\_\_\_.

(4) \_\_\_\_\_.

**Time:** 4:10PM

**Type of Interview:**

☒ Telephonic

☐ Video Conference

☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No

If Yes, provide a brief description: \_\_\_\_\_.

**Part I.**

Rejection(s) discussed:

ALL

Claims discussed:

1-4

Prior art documents discussed:

ART OF RECORD

**Part II.**

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

**Part III.**

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

/Victor MacArthur/  
Primary Examiner, Art Unit 3679

Continuation of Substance of Interview including description of the general nature of what was discussed:

The examiner noted that the suggested amendment filed 2/3/2009 had antecedent basis and double inclusion problems. The examiner suggested an examiner's amendment including the following further changes: Deleting "in the rotation direction" (line 18 of proposed claim 1), Replacing "deformation poriton of the ball seat"(lines 18-19 of proposed claim 1) with --annular resin elements--; and canceling claims 2-4. The applicant's representative agreed to contact the applicant to request approval for such further amendment.